



THE GARZETTE

Volume 18, Issue 6

147.075+

444.525+5mhz

53.110 -1mhz

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A Note from the President, Norm Schklar, WA4ZXV

It's June again, and that's Field Day time. Not sure why I get excited about setting up radios, antennas, generators and tents. Add to that eating outdoors for a few meals. But I do. Somewhere in the back of my mind when I started this Amateur Radio hobby, I knew that public service was my primary goal. And Field Day is one of those times when I feel like I am actually preparing for maximum support of our community. Of course I'm not the only one that enjoys Field Day; it's the largest combined event in our hobby every year. Field Day is the last full weekend in June, this year June 27 and 28.

I watch several of the local clubs activities through their email groups, and sometimes I feel like we are a little remiss in offering enough activities for the membership. But then I think we do several events each year, a good majority help with ARES events. I guess its different type of events that we are missing. So, if you would be interested in GARS having additional events such as kit building, operating, training or public service send me a note and let's discuss.

And on the subject of discussing, the Saturday Morning Breakfast is a great place to get your idea to some of the members for discussion. Most every Saturday morning between 8 and 12 members meet for breakfast at the Golden Corral in Lawrenceville. Another chance to bring up suggestions is at the GARS Executive committee meeting. These are generally held on the first Tuesday evening of the month. You should contact me for the exact location, date and time.

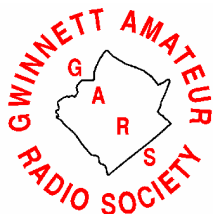
I continue to bring up ham radio contesting because I think it is a great way to practice operating the radio in somewhat adverse conditions. The bands are crowded, the QRM and QRN are generally high and you need to listen close to catch the activity. Some or all of these will come in handy if you are ever in a situation where you or someone near you are dependent on Amateur Radio for emergency communications. You learn which bands are open when, how to squeeze in your call and make a contact, how to do it quick and how to confirm the communication. And it can be fun. Contesting is definitely not something that comes easy to me. I have to sit and listen a while and sort of ease into the activity. Once I get started, I usually have fun.

A group of us went out to help with the Memorial Day parade in Dacula. It was their largest ever and it took a lot more on the ground work, but it all went great. Thanks for all the help.

Don't forget our nets! Every Monday evening at 8:00 "want sell and information" on the 2 meter repeater and every Wednesday evening at 9:00 "net control picks a subject and we have a round table" on the 6 meter repeater. The net control operators appreciate large turn outs.

The program for this month is PSK31 by David KA4KKF. It promises to be interesting. David will also be answering any questions about Field Day.

73
Norm, WA4ZXV



JUNE 2009

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3 2100 6m net	4	5	6 0730 breakfast
7	8 2000 2m net	9 meeting	10 2100 6m net	11	12	13 0730 breakfast
14	15 2000 2m net	16	17 2100 6m net	18	19	20 0730 breakfast
21	22 2000 2m net	23	24 2100 6m net	25	26	27 0730 breakfast Field Day
28 Field Day	29 2000 2m net	30	1 July 2100 6m net	2	3	4 0730 breakfast
5	6 2000 2m net	7	8 2100 6m net	9	10	11 0730 breakfast

GARS Recurring Calendar

- Monthly club meeting is the 2nd Tuesday of the month at 7:30 PM. Check the Web Site for Location.
- Every Monday at 8 PM local time: GARS Want, Swap, Sell, and Information Net on the GARS 2 meter repeater
- Every Wednesday at 9 PM local time: GARS 6 meter net on the GARS 6 meter repeater
- Every Saturday at 7:30 AM local time: GARS Weekly Family Breakfast, Golden Corral Restaurant, Riverside Drive, Lawrenceville

The GARZETTE

The GARZETTE is the official monthly organ of the Gwinnett Amateur Radio Society serving its members and other persons interested in the advancement of the amateur radio art.

Original articles, art, and photos are invited and encouraged. Previously copyrighted submissions cannot be accepted for reprinting unless permission from the appropriate publisher is provided in writing along with the information being submitted. If reprints are from publications allowing their unrestricted use, please include a copy of the printed permission contained in the publication.

If possible, bring your articles to the monthly meeting in Microsoft Word format or email to ka4kkf@arrl.net. Artwork can be accepted in most any graphics format and can be submitted via email to the same address. Alternate means of submittal can be arranged when necessary. In keeping with the amateur radio spirit, permission is hereby granted for the reproduction of *The GARZETTE* articles by other amateur radio club newsletters provided that proper credit is given to the individual author and to *The GARZETTE*.

The GARZETTE is published each month with the assistance of Hal Manning, who prints the news letter. Rick Patchin, KD4RFK does the final production work on *The GARZETTE* by folding & labeling. Bill Cherepy, WB4WTN, stamps and gets the end product to the Post Office each month. Norm Schklar, wa4zxv, manages email delivery. Many thanks to each of them and all article contributors.

Deadline for submissions is the 20th of each month for inclusion in the following month's issue.

For any additional information contact:
Newsletter Editor:

David Adcock ka4kkf
(770-271-9398)
ka4kkf@arrl.net

All correspondence relating to articles posted in *The GARZETTE* or for information concerning advertising rates should be directed to the following address:

Gwinnett Amateur Radio Society
P.O. Box 88
Lilburn, GA 30048
Attn: Newsletter Editor

Do you know a boy or girl
14 to 21 years old
who wants to:

Climb, Hike
Canoe, Camp
Talk on an amateur radio
Have Fun
Tell them about

Venture Crew 73

**We meet the second Tuesday
of each Month at 7:00PM
prior to the GARS meeting at
St. Marguerite D'Youville
Church..**

For more information Visit
www.venturecrew73.org

At a special testing session on Friday evening two members of Crew 73 passed their Technician class exam.

Kevin and Jennifer will be heading to Camp Rainey Mountain to teach the Radio Merit Badge, Recruit new crew members and encourage more youth to get licensed. Chris KI4RSZ and other higher class licenses at camp will activate KK4BSA on HF to help increase interest.

Thanks to Mike, Susan and Dave for the VE session.

GARS Communication System

70 Cm Repeater

444.525(+) MHz
82.5 PL Tone

APRS

144.390 -- 1200 Baud
W4GR

6 Meter Repeater

53.110 (-1 MHz)
82.5 PL Tone

D-Star

WD4STR
146.970 - (600KHZ)
440.550 + (5MHZ)

2 Meter Repeater

147.075(+) MHz
82.5 PL Tone

Main Repeater Site

Oak Street, Lawrenceville

Backup Repeater Site

Lanier Mountain, Snellville

Remote Receive Sites

Bogan Road, Buford

Goshen Springs Road,

Norcross

Lanier Mountain, Snellville

2009 Hamfest Schedule

June 6
Georgia State Convention Atlanta Radio Club
(W4DOC)
Marietta, GA Jim Miller Park
<http://www.atlantahamfest.com>

Aug 8 Ellijay Ham Fest 2009
at the Ellijay Lions Club, Ellijay, Georgia.
<http://www.ngamtn.com/w4hhh/>

Oct 3 LaGrange Amateur Radio Club
<http://www.lagrangeradioclub.org/>
[LaGrange Hamfest Flyer 2009.pdf](#)

Metro Atlanta VE Exam Schedule

GARS publishes Metro Atlanta area VE exam schedules as a service and is not responsible for errors or changes. Call and confirm schedules before going. All sessions are walk-in. Take copies of current license and certificate of completed elements with you to all sessions. Find additional sessions online at www.arrl-ga.org

First Saturday, Even Months

9:00AM
EOC Building
Butch Nitz, AF4FS
(770) 968-8780

First Wednesday

7:00 PM
ARRL/VEC
Roberts School
4681 School Street,
Acworth
Jodi Escher AG4BK
770-387-1591

Second Saturday, Odd Months

ARRL VEC
8:30 AM
Stone Mountain Methodist
Church
5312 West Mountain St.
Stone Mountain
Bob Varone, W4ETN
(770) 978-3179

Third Saturday

CA VEC
9:00AM
Marietta First United
Methodist Church Room 305, 56
Whitlock Ave
Marietta
David Still, WB4RRD
(770) 973-2566

Fourth Tuesday

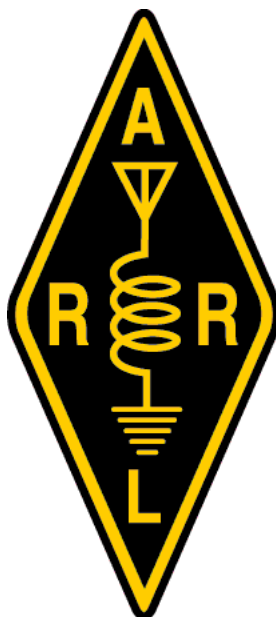
ARRL VEC
7:00 PM
United Way Service Center
6279 Fairburn Road,
Douglasville

Third Sunday

W5YI VEC
3:00 - 5:00 PM
Lawrenceville Masonic Lodge
465 South Perry Street
Lawrenceville, GA 30044
770-963-5721

Fourth Sunday

2:30 PM
Georgia Tech
GATECH-VANLEER ELEC ENGRG
BLDG-RMW218
777 ATLANTIC DRIVE
WWW.W4AQL.ORG
TALKIN 145.15-PL 167.9
ATLANTA, GA 30332
Contact: ALEXANDER G CARVER
(404)894-2936
ACARVER@ECE.GATECH.EDU



Metro Atlanta Club Meetings

First Tuesday

Kennehoochee ARC
Southern Polytechnic
State University
Meeting begins at 7:30 PM
Talk In 146.880(-)

Second Monday

Georgia Tech ARC
Room W218
Van Leer Electrical
Engineering Bldg.
Georgia Tech Campus
Meeting at 7:00 PM

First Thursday

Atlanta Radio Club
Georgia Red Cross HQ
1955 Monroe Dr., Atlanta
Meeting is at 7:30 PM
Talk In -146.820(-)

N.E. Georgia ARC

Commerce Public Library
Meeting is at 6:30 PM
Talk In - 147.225(+)
PL 123.0

Second Thursday

Alford Memorial Radio Club
Annistown Road Baptist Church
Intersection of Annistown Rd
& Spain Rd
Stone Mountain
Dinner at 6:00 PM
Meeting at 7:30 PM
Talk In - 146.760(-)

Third Tuesday

**North Fulton Amateur Radio
League**
Masonic Lodge
194 Milton Avenue
Alpharetta, Georgia
meeting at 7:30 PM
Talk In - 145.47(-)

Second Saturday

North GA QRP Club
Wieuca Baptist Church on
Peachtree Rd/Wieuca, 10 AM

May 2009 GARS General Meeting**May 12, 2009**

1. Earl Whatley, AF4FG, Vice-President, called the meeting to order at 7:30 pm.
2. Introductions were made of those present.
3. Announcements:
 - A. Earl announced that outlets with built-in surge protectors are on the way from Leviton (a major manufacturer of electrical products).
 - B. The Annual Memorial Day parade is May 25 in Dacula. There is a need for at least 25 people.
 - C. The Atlanta HamFest is June 6 and volunteers are needed to staff the GARS table/booth.
 - D. John Davis, WB4QDX, ARES Emergency Coordinator, announced that he is working on the D-Star National Newsletter and sample copies are available.
4. Norm Schklar, WA4ZXV, President, stated that there was a parliamentary error in last month's vote on the by-law change and therefore, the change voted on is null and void. The change will be addressed at a later date.
5. Ralph Pickwick, KJ4CNC, has assumed the position of Elmer Coordinator for GARS.
6. Susan Swiderski, AF4FO, asked that we observe a moment of silence in memory of Sandy Donahue, W4RU, ARRL Southeastern Division Vice-Director, who passed away recently. After the remembrance, John Davis made a motion that GARS donate \$250 to a fund to defray funeral expenses for Sandy and any excess to go to a scholarship fund that is being established in his memory. John also stated that he intended to make a similar motion to ARES. The motion was seconded and passed.
7. Dave Johnson, K4SSU, gave an excellent program on tower installation.
8. Break
9. Two new members were voted into full membership:
 - A. William Powell, AJ4CH, extra class, and
 - B. Steve Garrison, N4SEG, extra class.
10. Prize drawings were held.
11. The meeting was adjourned at 9:10 pm

Atlanta Hamfest set for June 6th

Atlanta Hamfest update: Some indoor tables are still available - but "they're going fast," according to chairman John Talipsky N3ACK.

The hamfest, scheduled for 8AM -3PM June 6th at Jim Miller Park in Marietta, is the 80th to be sponsored by The Atlanta radio Club. Admission costs \$5 , with children 18 & under admitted free. Talk-in will be on 146.820(-) PL 146.2. Vendors from around the country, BlueStar Antenna, HRO, AC/DC Electronics, HamWorld, Hinsey Electronics, Cedar City Sales, EagleOne Antenna, The Signman, and The Wireman, and more have signed on to sell their arrays of radios, badges, parts, and antennas. "we're having a really good response from both dealers and hamfesters alike," Talipsky says. "So far things have been incredibly beyond expectations given current economic conditions." Several clubs have signed up for tables this year. Some in particular will be holding demonstrations at their tables to promote their club or area of interest. The 10-10 Georgia Chapter will be there running a 10-Meter set-up, hamfest goers will have a chance to get that highly coveted 10-10 number. There will also be several other HF rigs running around the building giving folks a chance to ask questions and get on the air.

Several forums are in the works including, D-Star, ARES, and a Beginners Q&A. If you would like to volunteer or have any questions feel free to email John Talipsky N3ACK at johnn3ack@comcast.net or call 678-618-2190 for more information. www.atlantahamfest.com

Field Day 2009

Ka4kkf

The weekend for field day this year is June 27th and 28th. I hope to see everyone there at sometime during the day or night. We have band captains for the 8 bands we will be using and most of the time slots filled. This is the time for you to come out and see emergency operations in action. We will have wire antennas up on 160-15 and a small beam for 10m and 6m. We will not be working Friday night. We will start after breakfast Saturday morning at 0900 at the park.

Breakfast will be at the Golden Corral on Riverside Drive in Lawrenceville. It starts at 0730. The park is Rhodes Jordan Park located at the intersection of highway 124 and 29 in Lawrenceville. You can check the web page (<http://www.gars.org>) for directions and a map. We will start at 0900 Saturday June 27th setting up the equipment and be on the air from 1400 Saturday till 1400 Sunday the 28th. We will have lunch and dinner and snacks on Saturday and Breakfast and lunch on Sunday.

So if you're a new HAM, an old HAM, a want to be HAM, interested in supporting emergency operations or just need a place to spend some time over the weekend, this is one of those chances to see Amateur Radio in action. Bring the family and a friend, ask questions and take advantage of the stations. No license or previous experience is required. We'll supply a licensed operator to show you how it works. This is the time to ask questions and meet with the voice on the other end of that 2 meter repeater.

This year we will again be using Sonny's Bar-B-Que for Saturday night dinner. Pulled pork and pulled chicken will be on the menu. So come on out and have some fun.

The bands should be in better shape this year. We are expecting to make more contacts this year. So come out and get acquainted with everyone and have a good time.

73,
Ka4kkf
David



Here's one thing you should know about Brian Page, N4TRB:

By Jim Massara N2EST

He got his first soldering iron at age 8 – and he never looked back. “I was pretty much into [electronics] from the beginning,” he says.

Page, 54, a long time GARS member, was steeped in technical culture from his earliest youth. “I had the very good fortune of growing up in Satellite Beach, Florida, in the early days of the space age,” he explains. “We would know when the astronauts were on base because we could see where they parked their planes. So I grew up having astronauts as my heroes instead of sports figures.” Page became an ARRL member in 1969, but he didn't get his first ticket until 10 years later, “mainly because of school and all that kind of stuff.”

An interest in all things technical followed – but not without a detour. As a high-school student Page worked as a disc jockey and newsman for an AM broadcast station, and he considered studying journalism in college. By the time he made it to the University of Georgia, though, he had become disenchanted with the field; he majored in history instead. He followed that up with a master's degree in the history of science from Virginia Tech.

But the tech bug bit him again when he happened to notice that the bulletin board for the computer-science department “was always packed full of job offers.” Ever the pragmatist, Page managed to land an entry-level job in IT, and has worked in and around the field ever since. Currently he's a sales engineer for Bomgar, a company that specializes in remote-control software for PCs.

As a ham, Page favors DX contests and chasing interesting QSL cards. His shack is anchored with a Yaesu FT-757 GX HF rig, and his antenna is a ground-mounted HyGain 12ATV vertical planted discreetly in a stand of trees. He likes to build QRP rigs – one of them, a 40-meter transmitter, is neatly packaged in a tuna-can-size tin. And he likes to chase whistlers.

Whistlers? Yes, whistlers. A sound somewhat like a slide whistle is produced when the broadband energy of a lightning strike bounces around the ionosphere and is refracted into different audio frequencies. “They could tell a great deal about the state of the ionosphere and the magnetic flux lines by listening to that sort of thing,” Page says. “It's really cool.”

Page also counts among his hobbies photography and writing. His ham photographs show up on both the GARS and Gwinnett ARES websites. And as a writer he's been especially prolific. In February, QST published his article about “Vibroplex, the Norcross Connection.” Two other articles were published recently in World Radio. To top it off, an article he wrote about General Electric's 1950s contest for crystal radio circuits should appear in the bulletin of the Antique Wireless Association some time this fall.

Perhaps the most interesting article, though, is one about Alfred Morgan's radio books, being written for QST Online. “Alfred Morgan's my hero,” Page says. “This guy wrote dozens and dozens of books on all kinds of subjects. He was an early radio guru, too. In fact, he wrote a book in 1910 that became the bible for the very earliest amateurs. The ARRL didn't come around until 1914.” As a boy, Page first discovered Morgan's work in “The Boys' First Book of Radio and Electronics.” Page says he kept Morgan's books checked out of the library “continuously.”

Page lives in Lawrenceville off Collins Hill Road. He has three grown daughters (none of them hams), and his wife Kathy is a technology coordinator for a school in Gwinnett County.

###



N4GYN's Shack

First licensed in 1965 as WN3GAI (Novice), I upgraded to General Class a year later as WA3GAI. Moved to Keene, N.H. in 1970 and became WA1NYY. Then moved to Reston, VA in 1975 and became WB4BZQ. Became inactive for about 5 years and renewed at last minute, becoming N4GYN. I enjoy 160M thru 70CM, SSB, CW, FM, AM, and Digital modes (my favorite is Olivia). We moved from Columbia, MD to Buford, GA last June (after retirement) and I'm glad I joined the greatest Amateur Radio Club I've ever known. GARS!

Equipment: HF = Icom IC-746PRO Xcvr. Amplifier - Dentron MLA-2500 linear amp. Antennas: Ladderline fed Dipole @ 60', R-7 Vert. Mobile=Icom 7000 with Tarheel Screwdriver Antenna on HF & Comet Tribander for 6M, 2M, and 70Cm mobile.

VHF/UHF = Knwd TH-79AD DualBand HT, Knwd TM-V7A DualBand Mobile. Antennas = 2M Isopole, 6M J-Pole (Homebrew).

Amplifiers = MirageBD-38-G 80W VHF/UHF.

As former president of APLARC (APL Amateur Radio Club) I still enjoy using that club station remotely, via IP-Sound and HRD (Ham Radio Deluxe) over the internet. Check them out on QRZ.com.

I can't wait to get my tower up with the Mosley Pro57B Yagi on top. I hope you enjoy this hobby as much as I do! :-). And I hope to chat with you on the air.

Very 73, Ray



GARS

APPAREL ORDER FORM

NAME: _____ PHONE # _____

CALL: _____

NAME TO BE EMBROIDERED: _____

CALL SIGN TO BE EMBROIDERED: _____

ITEM	SIZE	QUANTITY	PRICE	TOTAL
T-SHIRT				
Red WITHOUT name & call			\$20.00	
White WITHOUT name & call			\$20.00	
Red WITH name & call			\$20.00	
White WITH name & call			\$20.00	
GOLF SHIRT -- WITHOUT name & call				
Red			\$24.00	
White			\$24.00	
GOLF SHIRT -- WITH name & call				
Red			\$28.00	
White			\$28.00	
SWEATSHIRT				
Red WITHOUT name & call			\$30.00	
White WITHOUT name & call			\$30.00	
Red WITH name & call			\$30.00	
White WITH name & call			\$30.00	
LIGHTWEIGHT JACKET -- RED ONLY				
WITHOUT name & call			\$31.00	
WITH name & call			\$35.00	
HEAVYWEIGHT JACKET -- RED ONLY				
WITHOUT name & call			\$41.00	
WITH name & call			\$45.00	
GARS BADGE -- WITH name & call			\$9.00	
HAT -- WITHOUT name & call				
Red			\$9.00	
White			\$9.00	
HAT -- WITH name & call				
Red			\$14.00	
White			\$14.00	

TOTAL ORDER PRICE: _____

Please attach your check made payable to GARS and return to Dick Sandberg, N9SXJ or mail to:

GARS
P.O. Box 88
Lilburn, Georgia 30048

NOTE: Please allow at least 4 weeks for delivery of items. Some items may need to be special ordered.

Thanks and 73s! -- Dick N9SXJ

Gwinnett Amateur Radio Society
P.O. Box 88 Lilburn, GA 30048

MEMBERSHIP APPLICATION

NEW MEMBER

RENEWAL

Amateur Call Sign _____ License Class Novice Technician General
Advanced Extra

Name _____

Address _____

City _____ State _____ Zip _____ - _____

Email address _____

Home Telephone _____ Work Telephone _____

Cell Telephone _____ Date of Birth ____ / ____ / ____ (mm/dd/yy)

ARRL Member Yes No Life

Interests _____

I prefer to receive the GARZETTE newsletter by: US Mail Email (please check only one)

Type of Membership

Individual \$30.00 annually
Student \$15.00 annually
Senior \$15.00 annually (over age 65)
Family ** \$35.00 annually

** Available for family members residing at the same address

Optional Contributions

Repeater Fund \$ _____

Scholarship Fund \$ _____

Additional Family Members **

Name _____ Date of Birth ____ / ____ / ____ (mm/dd/yy)

License Class Technician General Extra ARRL Member Yes No Life

Interests _____

Name: _____ Date of Birth ____ / ____ / ____ (mm/dd/yy)

License Class Technician General Extra ARRL Member Yes No Life

Interests _____

I agree to abide by the By-Laws of the Gwinnett Amateur Radio Society and understand that membership is subject to the approval of the Club.

Applicant Signature _____ Date ____ / ____ / ____

GARS Appreciates these fine sponsors that support our great organization!

**GWINNETT COLLISION
CENTER, INC.**

305 Sharon Ind. Way
Suwanee, Georgia 30024
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Marty Fowler, KE4MLH Mark Justice

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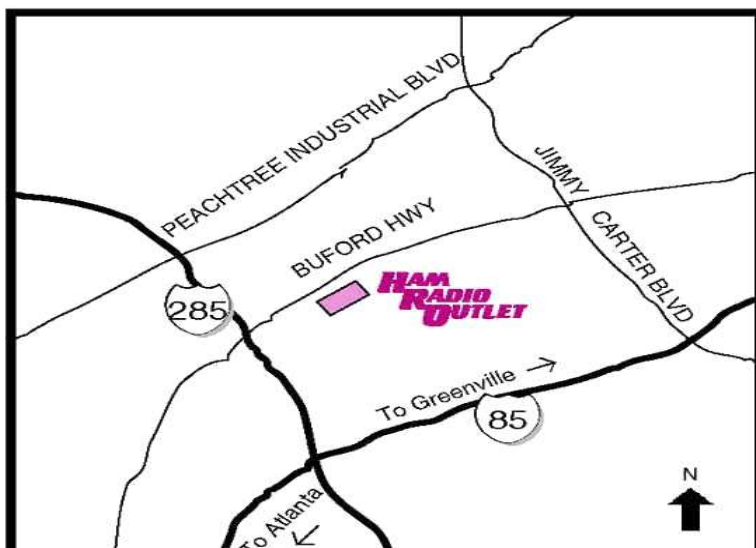


Mark Holmes
Manager
KJ4VO

6071 Buford Highway
Atlanta, GA 30340 (Doraville)
770-263-0700 1-800-444-7927
Fax 770-263-9548

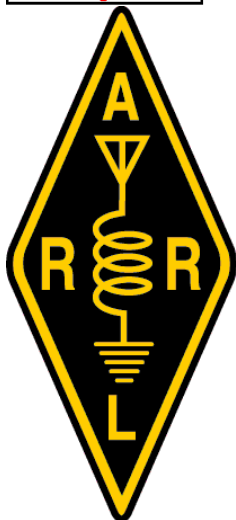
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Dale W4GCL Jim N1ABM Josh W4JDH Brian KC4UKR



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Hustler
Hy-Gain (Telex)
KLM
Larsen
M2
Premier
Valor
Van Gorden

Gwinnett Amateur Radio Society
P.O. Box 88
Lilburn, GA 30048



To receive the **Garzette** via e mail contact, please contact the membership chairman

Saturday Morning

Breakfast

Join us at the Golden Coral
on Riverside Drive in

Lawrenceville at 7:30 a.m.

Next Meeting

Tuesday, June 9th

**The Meetings are on the
Second Tuesday of the
month 7:30pm at the
St Marguerite
D'Youville Church,**

85 Gloster Rd NW,

**Lawrenceville, GA 30044.
Just off Highway 29 SW
of Lawrenceville.**

**Directions on the Web
site.**

<http://www.gars.org>

**PRUDENTIAL
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****References available upon Request**